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# CHOICE IOWA SEEDS



VEGETABLE  
SEED TRIALS  
HORTICULTURE  
MAY 1 1933

**Iowa Seed Company**  
*Seed Headquarters*

East 4th and Locust  
DES MOINES, IOWA



# LAWN GRASS SEED

**"EVERGREEN"  
AND  
"SHADY PLACE"**  
Lawn Grass  
Prepared by  
**THE IOWA SEED CO.**  
DES MOINES, IOWA

## Lawn Grass Seed

We offer only high-grade, clean grass seed that will grow. In the grass seed mixtures only suitable kinds of grass are included. Cheap undesirable kinds are not used. For best results, sow 1 pound per 400 square feet for new lawns and half that amount for repairing established lawns.

**Evergreen Mixed Lawn Grass Seed**—Our own special mixture of grass seeds suited for growing together in the central and northern states. Is formed of grasses which keep green from early spring all through the summer. 25c per lb.; 5 lbs. or more at 20c per lb.

**Shady Place Mixtures**—This mixture is a combination of fine, dwarfgrowing evergreen varieties of grass which grow naturally in shaded spots, to make a fine lawn under shade trees. Heavy seeding makes quick sod. 40c per lb.; 5 lbs. or more at 35c per lb.

**Terrace Lawn Mixture**—This is a mixture of grasses which have strong and spreading roots, making a close turf which heavy rains cannot wash out easily. 40c per lb.; 5 lbs. or more at 35c per lb.

**Kentucky Blue Grass**—"Iowa Shield" Brand. We pride ourselves on this extra choice grade, which is of such unusual purity and high germination. 25c per lb.; 5 lbs. or more, 20c per lb.

**White Clover**—"Iowa Shield" Brand. The well-known common white clover. 60c per lb.; 5 lbs. or more at 55c per lb.

**Creeping Bent Grass**—It makes a very fine close turf of excellent color. The advantage of Creeping Bent is that it will thrive on acid soils and can be fertilized with Ammonium Sulphate, which discourages weeds. Sow 1 lb. to each 300 square feet. 1 lb., \$1.50; 3 lbs., \$3.75.



## Lawn Fertilizers

**Peat Mull**—This is a fine grade of peat moss that will add humus to heavy or old soil in an ideal way. It should be used as a mulch around established plants and shrubs and worked into the surface soil. Price  $\frac{3}{4}$  bale size, \$2.75.  $\frac{1}{2}$  bale size, \$1.75. Less than bale lots at 4c per pound.

**Sheep Manure**—This is a natural manure, unadulterated. 10 lbs. for 40c; 50 lbs., \$1.35; 100 lbs. for \$2.50.

**Pure Bone Meal**—It is clean, free from odor and gives results in added growth of grass. 10 lbs., 40c; 50 lbs., \$1.60; 100 lbs., \$2.95.

**Sacco**—This is a complete fertilizer for lawn, garden or flowers. Its chemical analysis is 4-12-4. Use at the rate of 3 to 5 lbs. per 100 square feet. 5 lbs., 50c; 10 lbs., 85c; 25 lbs., \$1.50; 50 lb., \$2.50; 100 lbs., \$3.95.

**Vigoro**—A plant food for general use, finely pulverized and practically nonodorous. Analysis 4-12-4. A Swift & Co. product. Use 25 lbs. per 1,000 square feet. 5 lbs., 50c; 25 lbs., \$1.50; 50 lbs., \$2.50; 100 lbs., \$4.00.

**Tobacco-Stem Meal**—This is the pulverized stems of the tobacco plant. Being very bulky it adds a great deal of humus to the soil as well as plant food. Price, \$2.75 per 100 lbs. Less amounts at 3 $\frac{1}{2}$ c per pound.



## Satisfaction Collection of Annual Flower Seeds

In choosing the flower seeds for this collection we have included only those kinds which are easiest to grow and yet ones that will be very satisfactory. A regular size packet of each of the following is included (see flower seed pages for description of each kind): No. 715, Antirrhinum; No. 843, Calliopsis; No. 944, Centaurea; No. 955, Chinese Woolflower; No. 1003,

Cosmos; No. 1115, Eschscholtzia; No. 1130, Four O'Clock; No. 1315, Marigold; No. 1406, Nasturtium; No. 1411, Nicotiana; No. 1474, Petunia; No. 1496, Phlox; No. 1520, Portulaca; No. 1566, Salpiglossis; No. 1708, Verbena; No. 1767, Zinnia.

16 Packets Total Value \$1.35 For Only \$1.00.



# VEGETABLE SEEDS

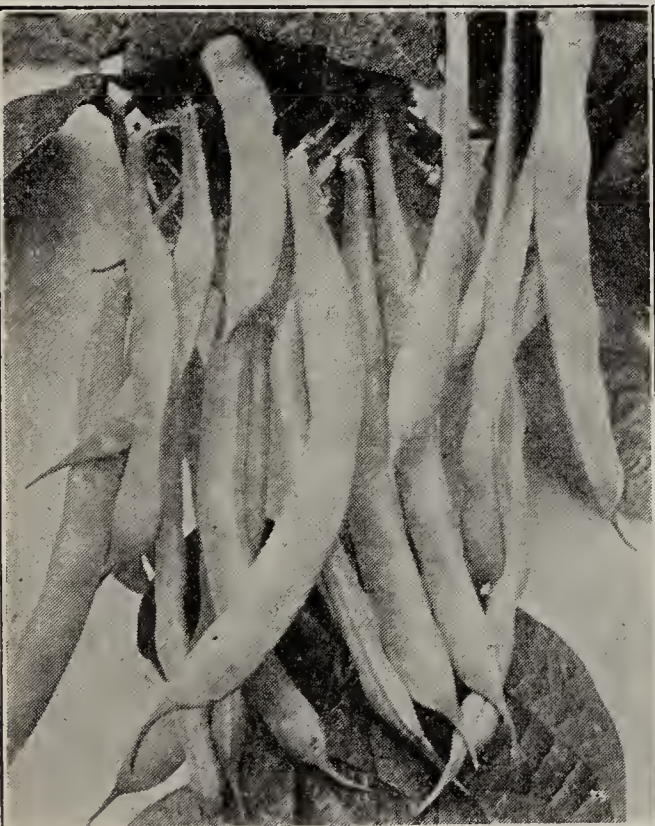


## ASPARAGUS

(One ounce will sow forty feet of drill.)

Asparagus is so easily grown every garden should contain a bed. A circular on "How to Make an Asparagus Bed" sent free on request.

**Washington**—The new rustproof variety. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.25.



IMPROVED GOLDEN WAX BEANS

## BEANS

### Dwarf or Bush Varieties

Our packets of beans contain two ounces.

**Stringless Green Pod**—The best of the green pod varieties. Pods are long light green, entirely stringless, and of excellent flavor. Very early and prolific and as near perfect as any green pod bean we know. Pkt., 5c; ¼ lb., 7c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Improved Early Valentine**—A standard variety and liked by many. Produces its thick, fleshy pods abundantly. Of fine flavor and matures quickly. Pkt., 5c; ¼ lb., 7c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Improved Golden Wax**—This is the standard variety. The most popular for either family or market garden. Pods are large, clear, waxy yellow and free from rust. Entirely stringless. Pkt., 5c; ¼ lb., 7c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Challenge Black Wax**—An old favorite and still preferred by many. Pkt., 5c; ¼ lb., 7c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Brittle Wax**—This is the best of the new varieties of wax beans. Pkt., 5c; ¼ lb., 7c; 1 lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Burpee's Bush Lima**—A bush form of the true large lima bean. Yields well. Does not always mature in this latitude but makes excellent green shelled beans. Pkt., 5c; ¼ lb., 15c; 1 lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.30.

**Henderson's Bush Lima**—A true bush lima and sure to ripen its enormous crop. Pkt., 5c; ¼ lb., 8c; 1 lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.30.

**Improved Navy, or Boston Pea**—An improved type of the Navy bean which is grown for use as shell beans in the winter. Pkt., 5c; ¼ lb., 7c; 1 lb., 15c; 5 lbs., 70c; 10 lbs., \$1.30.



## Pole Beans

These require the support of poles or woven wire fencing.

**Old Homestead, or Improved Kentucky Wonder.** Very productive, entirely stringless, pods of green color. Can be grown with corn. Pkt., 5c;  $\frac{1}{4}$  lb., 8c; 1 lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.30.

**Lazy Wife**—Very much like the above. The ripe beans are white. Pkt., 5c;  $\frac{1}{4}$  lb., 8c; 1 lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.30.

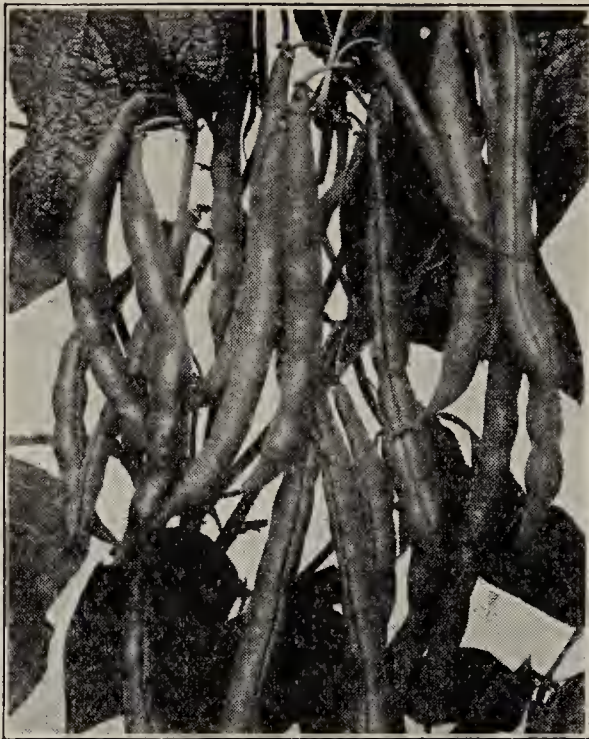
**Golden Cluster Wax**—The most popular variety of wax pole beans. Pods large, fleshy and stringless. Pkt., 5c;  $\frac{1}{4}$  lb., 8c; 1 lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.30.

**Speckled Cut Short**—The corn-field bean. Pkt., 5c;  $\frac{1}{4}$  lb., 8c; 1 lb., 25c; 5 lbs., \$1.20; 10 lbs., \$2.30.

**Scarlet Runner**—Planted for its brilliant scarlet flowers. Pkt., 5c;  $\frac{1}{4}$  lb., 15c; 1 lb., 40c.

**King of the Garden Lima**—Pods are of enormous size. Pkt., 5c;  $\frac{1}{4}$  lb., 10c; 1 lb., 35c; 5 lbs., \$1.65; 10 lbs., \$3.10.

**Yard Long**—Pods sometimes over three feet long. Pods are tender and of fine flavor. Pkt., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 80c.



POLE BEANS—OLD HOMESTEAD OR IMPROVED KENTUCKY WONDER

50c; 5 lbs., \$2.40.

## Mangel or Stock Beets

**Mammoth Golden Giant**—The largest of yellow flesh mangels. It is a most excellent keeper. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.40.

**Giant Sludstrop**—A variety of exceptionally even growth. Color is reddish yellow. It is the best of all mangels for feeding purposes. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.40.

**Mammoth Long Red**—Unexcelled for yielding qualities. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.40.

**Giant Half Sugar Mangel**—A hybrid or cross between the Mangel and Sugar Beet. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.40.

**Golden Tankard**—Of a rich deep yellow throughout. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 40c; 5 lbs., \$1.90.

**Klein-Wanzleben**—A true sugar beet makes it of great value for feeding. Oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c; 5 lbs., \$2.75.

## Swiss Chard

Prepared the same as asparagus or leaves and stalks used as "greens." Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.75.



EARLY WONDER

CRIMSON GLOBE

DETROIT DARK RED

## Table Beets

One ounce sows 50 feet of drill; 4 to 6 lbs. for one acre.

**Crosby's Improved Egyptian**—The earliest variety. Regular in shape, smooth with small tops and small tap root. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 60c; 5 lbs., \$2.75.

**Early Wonder**—A choice new variety. Globe shaped with deep blood red flesh. Popular with market gardeners for early or late planting. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 70c; 5 lbs., \$3.25.

**Detroit Dark Red**—Its roots are round, very smooth, of good marketable size, and for table use is unexcelled. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 70c; 5 lbs., \$3.25.

**Crimson Globe**—A main crop variety, medium size, globe shaped, flesh deep purple. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; 1 lb., 90c; 5 lbs., \$4.25.

## Odd Vegetables

**CHERVIL**—Leaves used in soups and salads. Cultivate like parsley. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**CHICORY, Large Rooted**—Used as a substitute for coffee. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**CHUFAS**—A ground nut greatly liked by children. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; 1 lb., 60c.

**COLLARDS**—They are a form of loose-headed cabbage. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; 1 lb., 50c.

**CORN SALAD**—Nice winter salad. Sow in September in drills. Cover in fall with straw or leaves. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c.

**COTTON**—Has large, showy flowers, followed by ball of white cotton. Pkt., 5c; oz., 10c.

**CRESS, True Water**—Sow seeds along the running water. Pkt., 5c; oz., 45c;  $\frac{1}{4}$  lb., \$1.45.

**Upland Cress**—Perennial; hardy; produces well. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c.



## Cabbage

One ounce will produce about 3,000 plants. Takes 8,000 to 10,000 plants per acre, of early sorts and 6,000 of large, late kinds.

**Golden Acre**—The earliest of the round headed varieties, medium size heads, solid and very uniform. Fine for market or home garden. Pkt., 5c; oz., 25c; ¼ lb., 80c; lb., \$2.90.

**Extra Early Express**—The earliest variety in existence and produces heads before the Jersey Wakefield or other varieties. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.90.

**Early Jersey Wakefield**—Of large size for so early a kind. Heads hard and solid, and have few outside leaves. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.90.

**Burpee's All-Head Early**—This is the earliest of the flat-headed cabbages, of larger size than earlier varieties. Makes exceptionally solid heads. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Copenhagen Market**—A round headed variety. Claimed to be as early as any pointed headed variety. Very popular with market gardeners. Our seed was grown by the originator in Denmark. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.90.

**Improved Danish Ballhead, or Hollander**—Heads medium size, very solid. The best keeper in winter. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Premium Flat Dutch**—This old and well-known variety is still a standard winter cabbage. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

**Iowa Seed Company's Short Stem Drumhead**—For sureness in heading, regularity of growth and even, large, solid heads, it far surpasses any other strain of late cabbage. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Perfection Drumhead Savoy**—Has curled and crumpled leaves and is of finer flavor than ordinary cabbage. Pkt., 5c; oz., 20c; ¼ lb., 70c; lb., \$2.60.

**Mammoth Red Rock**—Is the largest of the red cabbage. Solid, heavy and a good keeper. Pkt., 5c; oz., 25c; ¼ lb., 85c; lb., \$3.10.



COPENHAGEN MARKET CABBAGE



FROSTPROOF CABBAGE PLANTS

## Frostproof Cabbage Plants

Grown from fall planted seed, in the South. They grow slowly and become hardened to cold and slight frost. Can be set out in spring much earlier than hotbed or greenhouse plants. Mailed direct from the growers. Any of the following early varieties: Charleston Wakefield, Early Jersey Wakefield, Early Flat Dutch, Copenhagen Market. Not less than 100 of a variety can be shipped. No plants sent out after May 1st. 60c per 100; \$2.00 for 500; \$3.75 per 1,000.

## Cauliflower

One ounce will produce about 3,000 plants.

**Henderson's Early Snowball**—Considered the earliest and more certain to make a head than any other sort. Pkt., 5c; oz., \$1.35; ¼ lb., \$5.10.

**Danish Giant, or Dry Weather Cauliflower**—Heads are extra large, pure white and very solid. Does better in dry seasons than other sorts. Pkt., 5c; oz., \$1.65; ¼ lb., \$6.10.

## Chinese Cabbage

Sometimes Called Celery Cabbage

Everyone likes it. Use like lettuce for salads. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

## Brussels Sprouts

**American Mammoth**—Superior variety of American origin. Pkt., 5c; oz., 20c; ¼ lb., 55c; lb., \$1.90.

## Carrots

One ounce for 100 feet of drill. Three or four pounds for one acre.

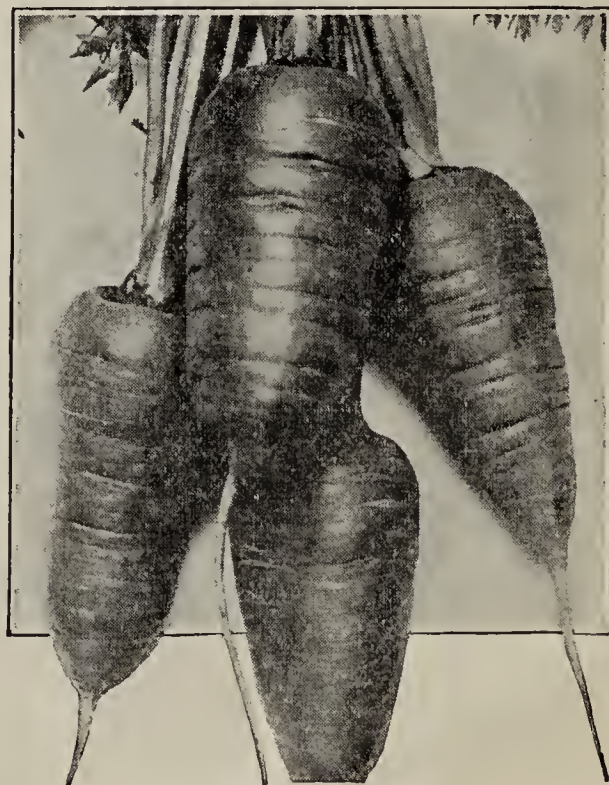
**Early Scarlet Horn**—Favorite extra early variety. Top small, short, stump-shaped root. Grows well in any soil. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.25.

**Oxheart, or Guerande**—This is the standard garden carrot. Outyields all others. Easy to pull. Best quality, good keeper. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

**Danvers**—Standard half-long variety. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c.

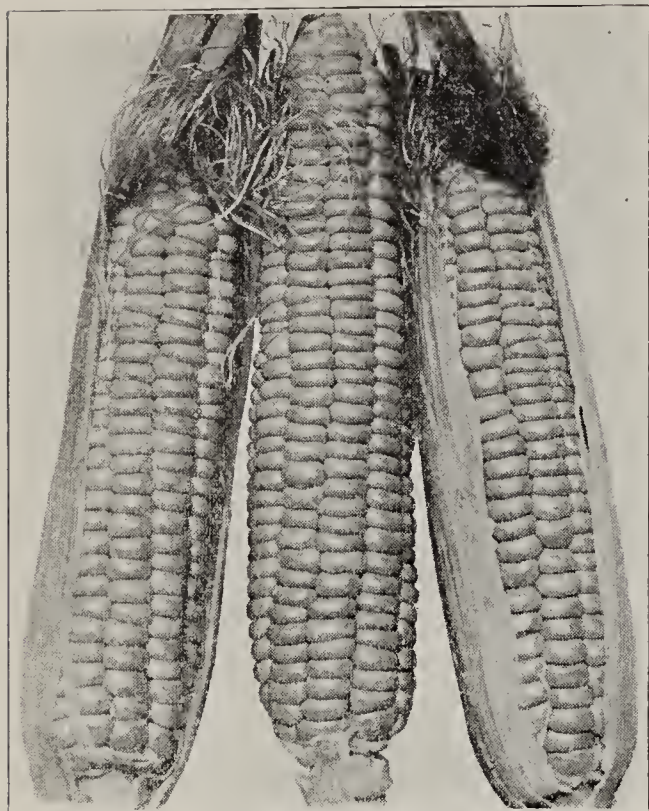
**Chantenay**—Another good garden carrot. Is longer than the Oxheart. Pkt., 5c; oz., 10c; ¼ lb., 35c; lb., \$1.30.

**Victoria**—Largest carrot grown. Used for stock feeding. Large, light orange. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



DANVERS CARROTS





GOLDEN BANTAM

## Sweet Corn

**Early Sunrise**—Is a splendid new variety which we originated. It is undoubtedly the best extra early corn for either private gardens or market. The ears are larger than Golden Bantam and a few days earlier. Sweetest of all early kinds. Often called White Bantam. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 75c; 10 lbs., \$1.40.

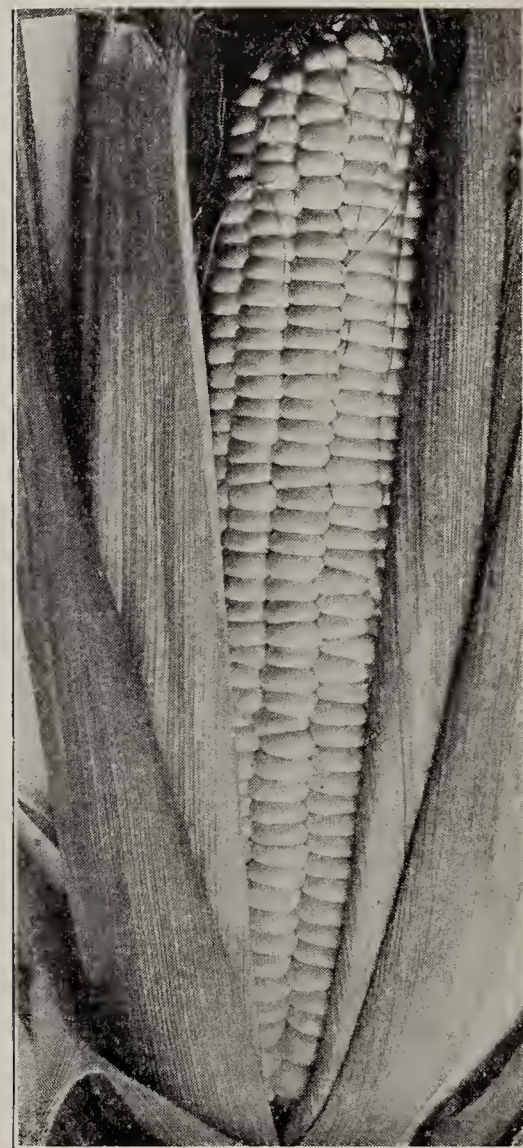
**Improved Golden Bantam**—A well known and quite popular sweet corn about 4 feet high. Well shaped ears which are golden yellow when ripe. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 75c; 10 lbs., \$1.40.

**Champion Early**—Earliest large corn ever introduced, maturing only a few days later than the small eared sorts and producing large 12-rowed ears 8 to 10 inches long. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Pharaoh's Dream**—The most productive variety of sweet corn ever produced. A few days earlier than Stowell's Evergreen. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 75c; 10 lbs., \$1.40.

**Country Gentleman**—Considered to be the highest quality corn. Pure white, very deep grained and sweet. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 90c; 10 lbs., \$1.70.

**Improved Stowell's Evergreen**—The standard late sweet corn. Always satisfactory. Pkt., 5c;  $\frac{1}{4}$  lb., 7c; lb., 20c; 5 lbs., 75c; 10 lbs., \$1.40.



PHARAOH'S DREAM

## Pop Corn

**Australian Hulless**—The only pop corn worth while raising. The best yielder and best seller.  $\frac{1}{4}$  lb., 5c; lb., 15c; 5 lbs., 55c; 10 lbs., \$1.00.

**Sunburst**—A golden yellow variety. Long ears. Looks rich when popped.  $\frac{1}{4}$  lb., 5c; lb., 15c; 5 lbs., 55c; 10 lbs., \$1.00.

**Pop Corn for Popping**—Good quality, hulless variety. 8c per lb; 4 lbs., 25c. Ask for price in quantity.

## Celery

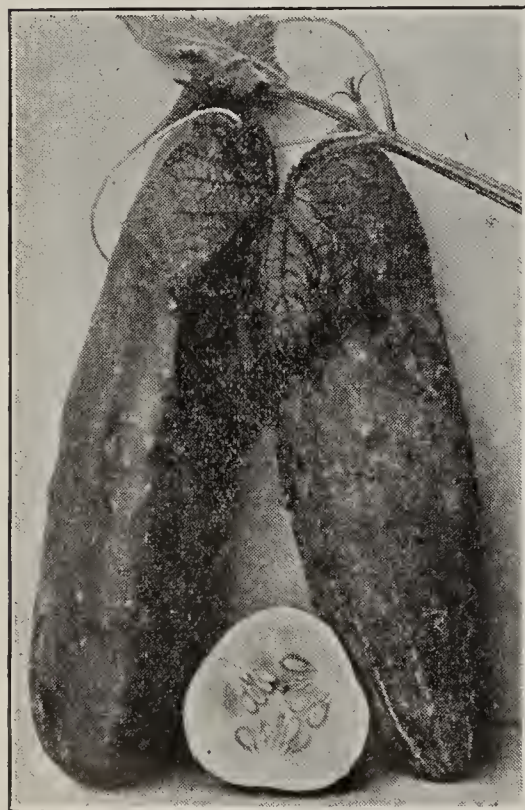
(One ounce will produce about 6,000 plants)

**White Plume**—Stalks, portions of the inner leaves and heart naturally white, and become fit for use by simply tying up closely with twine. Pkt., 5c; oz., 25c;  $\frac{1}{4}$  lb., 70c; lb., \$2.60.

**Golden Self-Blanching**—By far the most popular sort; of medium earliness, compact habit, with thick, solid stalks which blanch easily to a clear waxen yellow. Pkt., 5c; oz., 35c;  $\frac{1}{4}$  lb., \$1.10; lb., \$4.10.

**Giant Pascal**—Late variety of superior keeping qualities. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.10.

**Giant Prague Celeriac**—Has a turnip-like root with true celery flavor. Used in soups and stews in place of celery. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 60c; lb., \$2.10.



IMPROVED LONG GREEN

## Cucumbers

(One ounce plants 50 hills, two pounds one acre)

**Early Cluster**—A very desirable early variety. Prolific, good size and fine quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10; 5 lbs., \$5.25.

**Perfect White Spine**—Fruit even, good size, straight, well formed and symmetrical. Immensely productive. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 5 lbs., \$4.25.

**Improved Chicago Pickle**—Medium in size, dark green in color. Considered the best variety for pickles. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c; 5 lbs., \$3.75.

**Davis Perfect**—Dark, glossy, green, slim and symmetrical with an average length of 10 to 12 inches. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 5 lbs., \$4.25.

**Improved Long Green**—A well known standard variety. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 90c; 5 lbs., \$4.25.

**Japanese Climbing**—Will cling to fences or other support. Fine for limited space. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10.

**White Wonder**—Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 35c; lb., \$1.10.

**Lemon**—It is round and about the size of a baseball. Has flavor peculiarly its own. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 55c; lb., \$1.90.

**West India Gherkin, or Burr**—Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 40c; lb., \$1.40.



## Lettuce

One ounce will sow 100 feet of drill.

**Early Curled Simpson**—The best known variety of garden lettuce. Beautiful light green, curled leaves. Can be sown from early spring to August. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Improved Hanson**—As a head lettuce the Hanson has no superior. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40.

**Black Seeded Simpson**—This is the standard variety with market growers who grow lettuce under glass or in frames. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Grand Rapids**—A light green, crumpled leaf lettuce, a good garden or forcing variety. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.30.

**New York**—A new sort producing immense heads. The interior is beautifully blanched, creamy white, crisp, tender and delicious. A sure header under most trying conditions. Pkt., 5c; oz., 20c; ¼ lb., 50c; lb., \$1.70.

**Prize Head**—Heads large and rather loose, with very good flavor. Leaves edged with reddish brown. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**California Cream Butter**—A cabbage lettuce with round, solid head. Inside leaves are very rich cream

yellow color. Rich and buttery to the taste. Heads good size and compact. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.30.

**Mixed Lettuce**—A mixture of all the varieties listed. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.



EARLY CURLED SIMPSON LETTUCE



BLACK SEEDED SIMPSON LETTUCE

**Japanese Nest Egg**—Grows almost uniformly to the size, color and shape of a hen's egg. The shells are hard and make the very best nest eggs. Pkt., 5c; oz., 25c; ¼ lb., 70c.

**Dipper**—Makes a light, convenient dipper. Pkt., 5c; oz., 25c; ¼ lb., 70c.

**Sugar Trough**—Very large and strong grower. Pkt., 5c; oz., 25c; ¼ lb., 70c.

**Luffa, or Dishcloth**—Has a peculiar lining, making a natural dishcloth or sponge. Pkt., 5c; oz., 25c; ¼ lb., 70c.

**Hercules' Club**—Grows to immense size—4 to 5 feet in length. Sold by some as Tasmanian Bean. Pkt., 5c; oz., 25c; ¼ lb., 65c.

**Mixed Utility**—Seeds of the above, mixed. Pkt., 5c; oz., 20c; ¼ lb., 65c.

## Kohl Rabi

Most excellent vegetable, intermediate between the cabbage and turnip. Cultivate like cabbage.

**Goliath Purple**—Of immense size. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Early White Vienna**—The flesh is white and tender. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

## Endive

One ounce will sow about 60 square feet.

**Giant Fringed**—Also called winter lettuce. Strong, vigorous grower, making large white heart. Leaves are beautifully curled. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.05.

## Egg Plant

**Improved New York**—Our strain of this leading market variety we believe to be unsurpassed. Very large size, skin deep purple, flesh white, of excellent quality. Very productive. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.80.

## Ground Cherry

**Improved Yellow**—Ground cherries are a most excellent garden fruit. They have a delicious flavor. Pkt., 5c; oz., 50c; ¼ lb., \$1.85; lb., \$7.10.

**Large Purple**—The old-time purple ground cherry. Fruits are much larger than the yellow but not so rich in quality. Pkt., 5c; oz., 50c; ¼ lb., \$1.85; lb., \$7.10.

## Gourds

Cultivate like cucumbers. They may be trained over lattice work, fences, etc.



GARDEN HUCKLEBERRY

## Garden Huckleberry

Grows about three feet high and just loaded with clusters of berries, which are jet black when ripe. Make delicious pies, preserves and jams. Directions for cooking with each packet. Not edible when raw. Pkt., 5c; oz., 75c; ¼ lb., \$2.25.



## Muskmelons

One ounce will plant about 80 hills; two pounds to the acre.

**Hale's Best**—A remarkably early melon, the choice of the commercial grower. Thick, salmon colored flesh. Oval shape, netted and fairly distinctly ribbed. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.

**Early Bird**—An extra early variety. Popular with Des Moines market gardeners. Yellow meated, netted, slightly larger than the Rocky Ford. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Emerald Gem**—A good early home garden variety, lightly netted, yellow meated. Very prolific. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.

**Burrell Gem**—A truly delicious melon about the size and shape of Rocky Ford, but has rich golden yellow flesh. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.

**Thoroughbred Rocky Ford**—Flesh thick, of light green color and fine, juicy, luscious flavor. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.

**Improved Green Nutmeg**—The best of the green fleshed sorts. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Osage**—Flesh salmon color, sweet and spicy; very thick and delicious. Medium size oval. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.

**Tip Top**—Flesh very thick, salmon colored and of better flavor than any other large melon. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.40; 5 lbs., \$6.75.



HALE'S BEST MUSKMELON

**Banana**—Attain a length of from 1½ to 3 feet; 3 to 4 inches thick. Has a pleasing flavor. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$5.25.

**Honey Dew**—Flesh is light green and sweet as honey. Keeps good for months in a cool place. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.50; 5 lbs., \$7.25.

## Watermelons

One ounce is required for 40 hills; three pounds will plant an acre.

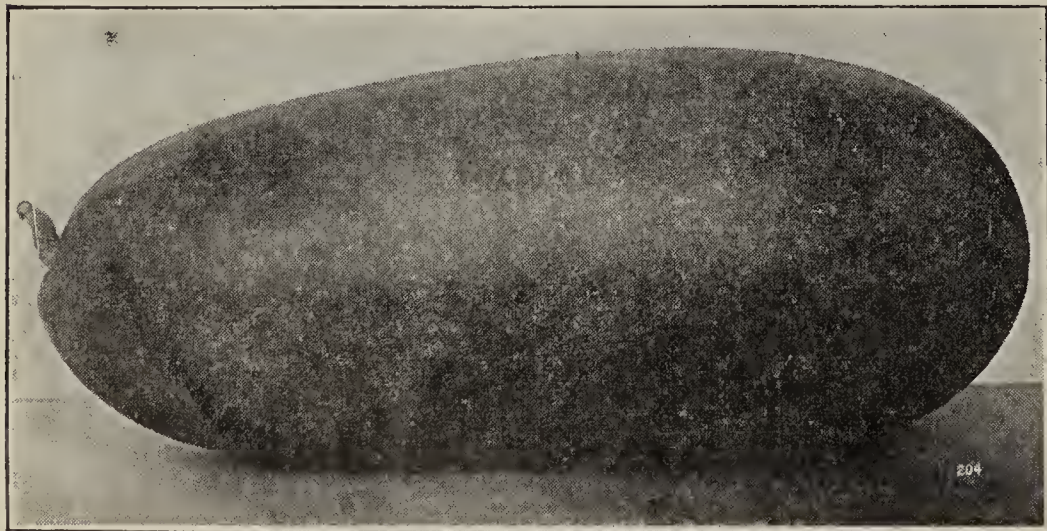
**Golden Sweet**—The Golden Sweet is a most delicious and fine flavored melon. Skin is dark green. Shape oblong; averages about 20 pounds. Rind very thin, but hard and will carry without cracking. Flesh old gold yellow. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.25.

**Cole's Early**—Very early and will mature farther north than most sorts. Of medium size. Flesh bright red. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

**Peerless or Ice Cream**—Very early, medium size, rind thin, flesh bright scarlet. Great home market melon. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 80c; 5 lbs., \$3.75.

**Monte Cristo or Kleckley's Sweet**—A wonderful popular variety. Flesh bright red, rich, crisp and pleasant flavored. It ripens early; is of good size. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75.

**Tom Watson**—The leading market melon. Hardy, good quality, good shape, large size and always solid. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.



MONTE CRISTO WATERMELON

**Sweetheart**—A large round melon with a light colored rind. Splendid quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Halbert Honey**—Has no equal as a home or nearby market melon, but will not stand much handling. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.25.

**Irish Grey**—New variety best described as a light rind Tom Watson. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Mixed Watermelon**—As the seasons vary, some varieties of melons do better than others. By planting mixed watermelons you get a good crop every year. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75.

## Vine Peach

The fruit is about the size of a large peach, oval shaped, and is of a bright orange yellow color. For sweet pickles, pies or preserving they are superb. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50.

## Citron Melon

Better than melon rinds for preserving.

**Apple Pie**—The flesh is white, solid throughout and of excellent quality for making pies, preserves, etc., and resembles apples in flavor. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.25.

## Pomegranate

An interesting little orange and brown spotted melon. Also called Queen Ann melon. Pkt., 10c; oz., 30c; ¼ lb., 90c; lb., \$2.75.

## Mustard

**Ostrich Plume**—Its leaves are long, ruffled, frilled and curved. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.00.

**Southern Giant Curled**—This is the true curled leaf variety. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.

**White English**—Its seed used for culinary purposes. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c.



## Onions

**Extra Early Barletta**—They are of a pure white color, and in size grow 1 to 1½ inches in diameter. Fine for pickling. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$2.70; 5 lbs., \$13.00.

**Large White Globe**—Market variety. Beautiful, clean, pure white bulbs. Large, even size, globe shape. Pkt., 5c; oz., 25c; ¼ lb., 70c; 1 lb., \$2.50; 5 lbs., \$12.00.

**Mammoth Silver King**—The largest pure white onion. Slightly flattened but thick through. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10; 5 lbs., \$10.00.

**Golden Globe**—Offered by us as the very best yellow globe-shaped onion for general culture. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10; 5 lbs., \$9.50.

**Mammoth Prizetaker**—One of the largest of yellow onions. Of a clear, bright straw-color and uniform perfect globe shape. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10; 5 lbs., \$10.00.

**Large Red Weathersfield**—Is the standard sort, the easiest to grow and the surest to make a crop. Of finest form, skin deep purplish red. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$7.00.

**Southport Red Globe**—Grows to large size. Skin, deep red; flesh, fine grained, mild and tender. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.00; 5 lbs., \$9.50.

## Onion Sets

### Bottom Onion Sets

Produce the best quality of young green onions.

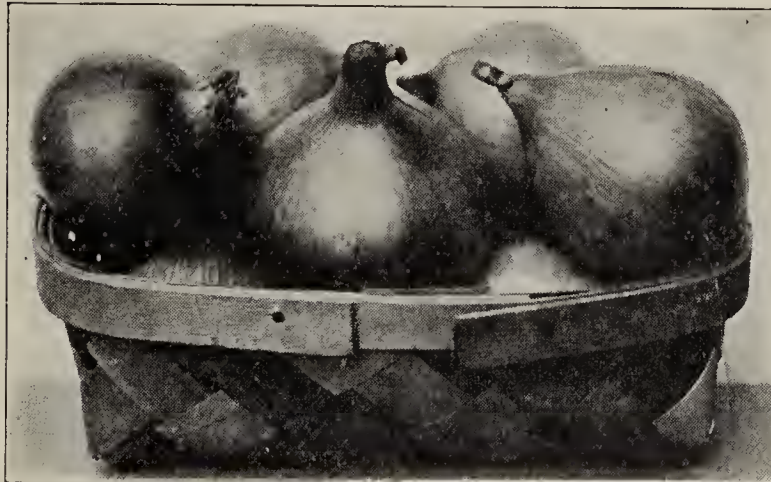
**White Bottom Sets**—10c per lb.; 3 lbs. for 25c; peck, 65c; bu., \$2.50.

**Red bottom Sets**—10c per lb.; 3 lbs., 25c; peck, 65c; bu., \$2.50.

**Yellow Bottom Sets**—10c per lb., 3 lbs., 25c; peck, 65c; bu., \$2.50.

**Potato Onion Sets**—A species of Multiplier onion, increasing from bulb. 15c per lb.; 3 lbs., 40c.

**Perennial, or Winter Sets**—Also called Egyptian or Tree Onions. Produce earliest spring onions. 10c per lb.; 3 lbs., 25c; peck, 65c; bu., \$2.50.



SOUTHPORT RED GLOBE ONIONS

## Parsnips

One ounce will sow 200 feet of drill. Five pounds will sow an acre in drills.

**Improved Guernsey**—The roots are smooth, fine-grained and will cook as quick as potatoes. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75.

**Hollow Crown**—An old standard and still good. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 60c; 5 lbs., \$2.75.

## Parsley

One ounce will sow 150 feet of drill.

**Market Gardener's**—Dark Green curled, mossy leaves, very productive. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

**Champion Moss Curled**—Finely crimped and curled. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c.

**Hamburg**—Turnip-rooted variety, used for flavoring soups. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00.

## Peanuts

**Early Spanish**—This variety can be grown and will ripen in Iowa. Pkt., 5c; lb., 25c; 5 lbs., \$1.00.

## Okra

**Early Prolific**—The earliest and most prolific. Just the sort for the north. The numerous pods are thick fleshed and keep coming until frost. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

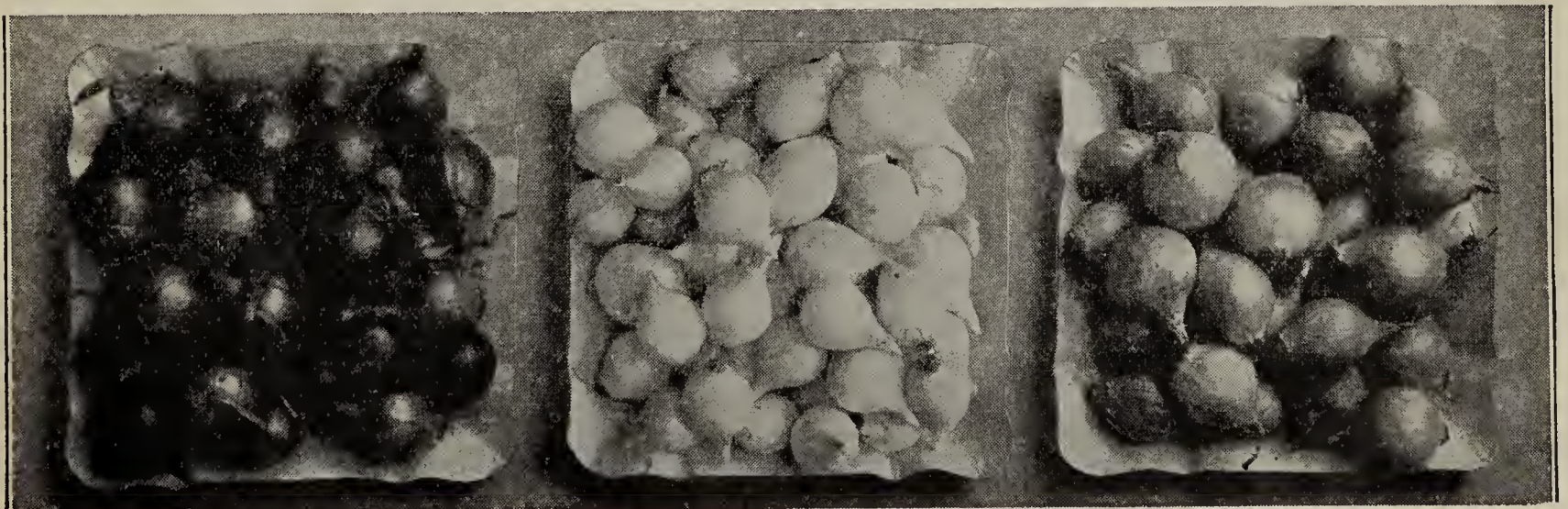
**White Velvet**—Pods are round and smooth, of attractive appearance. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c.

## Kale

**Extra Curled Mossback**—A most attractive variety; fine crimped leaves. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.10.

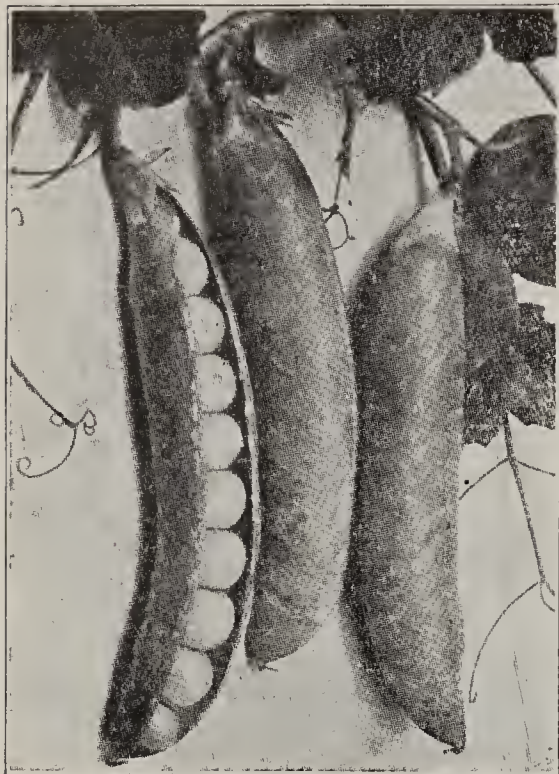
## Leek

**Large Rouen**—Largest and most uniform sort. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.



RED, WHITE AND YELLOW BOTTOM ONION SETS





GRADUS OR PROSPERITY PEAS

**\*Gradus or Prosperity**—This remarkable pea is not only large and of best quality, but it is nearly as early as the small early sorts. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**\*Everbearing**—Fine for main crop. Grows about 2 feet high, strong and vigorous. Continues to grow and produce pods of good size. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

## Peas

One pound will plant about fifty feet of drill.

Wrinkled varieties are marked \*.

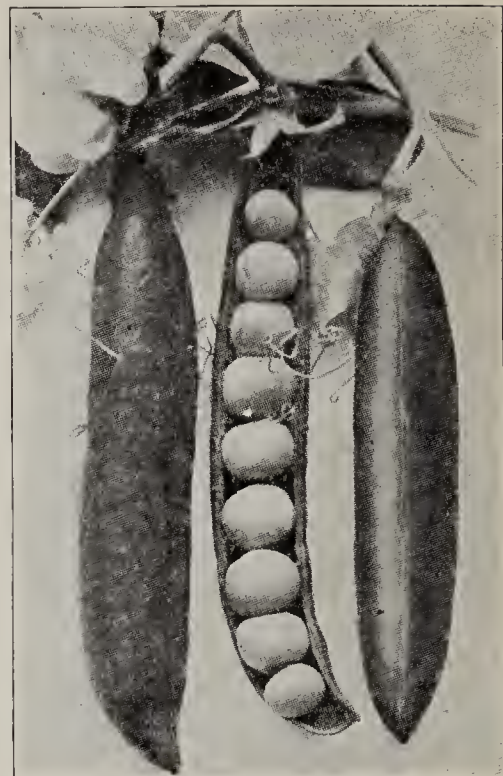
**Alaska**—Height, 2 feet. The earliest pea known, being earlier than Pedigree Extra Early. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**Pedigree Extra Early**—The best of the extra early varieties. Height, 12 inches. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**\*Little Marvel**—Strong vine about 14 inches high, productive. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**\*American Wonder**—Popular extra early variety for family garden. Produces good-sized, well-filled pods of finest flavored peas. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**\*Nott's Excelsior**—This is an improved Premium Gem. The improvement is in size of pods and productiveness. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 25 lbs., \$4.00.



EVERBEARING PEAS

**\*Improved Stratagem**—Noted for the immense size of pods and peas. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**\*Champion of England**—Well-known standard sort; grows 4 to 5 feet high and requires support. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

**Mammoth Luscious Sugar**—The largest of the edible pod varieties. Requires support. 2-oz. pkt., 5c; ¼ lb., 8c; lb., 25c; 5 lbs., \$1.00; 10 lbs., \$1.80; 25 lbs., \$4.00.

## Peppers

One ounce will produce about 1,800 plants.

**Coral Bouquet**—Very small, bright red and very hot. Pkt., 5c; oz., 75c; ¼ lb., \$2.50.

**Red Chili**—Small, long fruit, but very hot. Used for pepper sauce. Pkt., 5c; oz., 35c; ¼ lb., \$1.20; lb., \$4.60.

**Sunnybrook**—The best of the pimento class of sweet peppers. A bright red in color, about 2½ inches in diameter and is thick fleshed. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Pimento**—A new and distinct pepper. Perfectly sweet. Does not ripen this far north. Pkt., 5c; oz., 20c; ¼ lb., 60c; lb., \$2.10.

**Chinese Giant**—Most gigantic of all giant peppers. A fine, mild pepper of enormous size, and brilliant, glossy scarlet color. Pkt., 5c; oz., 50c; ¼ lb., \$1.75; lb., \$6.60.

**Ruby King**—The standard variety for mangoes or sweet pickles. Fruits large, uniform, thick-meated and smooth. Mild flavor. Pkt., 5c; oz., 30c; ¼ lb., \$1.00; lb., \$3.60.

**Mixed Peppers**—A mixture of the above and other fancy varieties. Pkt., 5c; oz., 25c; ¼ lb., 75c; lb., \$3.00.

## Pumpkin

One ounce will plant 25 hills; 4 pounds will plant one acre.

**Yankee Pie**—The New England Pie or Small Sugar pumpkin. Very sweet, fine grained and one of the best varieties for table use. Early. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 85c; 5 lbs., \$4.00.

**Large Cheese**—Commonly known as "Sweet Pumpkin." Flat shaped with creamy buff skin and thick golden flesh. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 70c; 5 lbs., \$3.25.

**Golden Russet**—Also called Winter Luxury. Golden yellow, netted or russeted over surface. Small to medium size. Unsurpassed as a pie pumpkin and a good seller on market. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Golden Cushaw or Jonathan**—Large size, crooked neck shape of clear old gold color. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.20; 5 lbs., \$5.75.

**Japanese Pie**—This is similar in size and form to the Cushaw, but the skin is deep green. Pkt., 5c; oz., 15c; ¼ lb., 35c; lb., \$1.10; 5 lbs., \$5.25.

**King of Mammoths**—Very large, bright yellow, fine grained and of good quality. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 90c; 5 lbs., \$4.25.

**New Atlas**—The largest of them all. Flesh rich yellow, very thick. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.25; 5 lbs., \$6.

**Connecticut Field**—The common field or cow pumpkin. Oz., 10c; ¼ lb., 20c; lb., 65c; 5 lbs., \$3.00.



YANKEE PIE PUMPKIN





IRISH COBBLER POTATOES

### Seed Sweet Potatoes

Thrive on any of the loam soils of the Middle West, and do especially well on sandy ground. We usually ship from April 12th to 20th and notify customers when we start them.

**Early Yellow Jersey**—Holds first place. Earliest and most productive; of large, short, chunky shape and of best quality. 10 lbs., 50c; one bushel basket, \$1.25.

**Nancy Hall**—A variety originated in the South. Flesh is dark colored and cooks a bright orange. Splendid for baking and is extra sweet and full of sugar. 10 lbs., 50c; one bushel basket, \$1.25. Ask for prices in quantities.

### Bermuda Onion Plants

These plants produce the large sweet onion that you often see on the market.

These plants are grown from seed planted in Texas last fall. The young green plants are shipped to us and are ready to be transplanted and continue to grow. They should be planted early as they will stand a light frost.

Plants are guaranteed to arrive in good condition. Prices: 10c per bunch; 3 bunches, 25c; 10 bunches, 75c.

In full crates of 6,000 plants, shipped direct from Texas growers to you, not prepaid, \$3.00 per crate.



NO. 4 PLANET JR. DRILL AND CULTIVATOR

**Planet Jr. No. 4 Seeder and Cultivator**—The No. 4 is the most popular combined garden seeder, plow and cultivator for small garden owners. Price complete, \$16.75. As a seeder only, \$13.50.

**Planet Jr. No. 3 Hill and Drill Seeder**—A seeder only. Price, \$16.50.

**Planet Jr. No. 12 Double Wheel Hoe**—A double and single wheel hoe in one. Price, \$10.25.

**Planet Jr. No. 18 Single Wheel Hoe**—A single wheel hoe, has one pair of 6-inch hoes. Price, \$5.50.

Ask for complete Planet Jr. catalog.

## SEED POTATOES

### Extra Early Ohio

A special favorite with marketmen, and the most profitable they can grow. On account of early maturity you get the highest market prices. Will keep firm until late in the spring. Frequently sold under the name Early Six Weeks. Bu., 85c; 10 bu., \$7.50.

### Extra Early Triumph

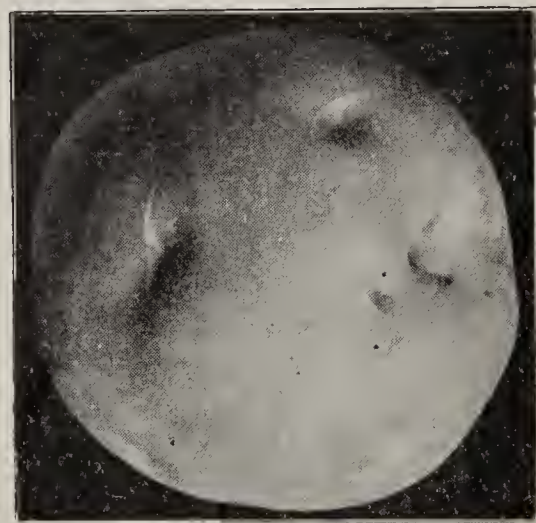
A popular first early variety. This is the round, red potato which is generally in our markets as new potatoes early in spring. The color is bright red. Bu., \$1.25; 10 bu., \$12.00.

### Irish Cobbler

Has the form and color so popular in the market. Is prolific and profitable to the grower and has become a much prized variety. Bu., 95c; 10 bu., \$9.00.

### Rural New Yorker

Preferred by large buyers because it is large, unusually smooth, with few and shallow eyes, skin white as is also flesh, which is of good quality. Medium late and the best drouth resister. Bu., \$1.00; 10 bu., \$9.50.



EXTRA EARLY TRIUMPH

### Garden Tools

**Concave and Curved Seed Potato Knife**—Will pay for itself even if you have only a bushel of potatoes to cut.

Allows the giving of each eye its full portion of the potato. 30c each postpaid.



**Eureka Potato Planter**—The best hand potato planter that we know of, as it does the work perfectly. Price, \$1.50 by express.



**Excelsior Weeding Hook**—Can be used to advantage among small and tender plants. Each, 15c; dozen, \$1.50.



EUREKA POTATO PLANTER

Ask for Descriptive Circular of Garden Tools



## Radish

One ounce will sow 100 feet of drill. Eight to ten pounds will sow one acre in drill.

**Early Bird**—The earliest of radishes. Round or turnip shape, of bright scarlet color and pure white flesh. Very desirable for the home garden. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 80c; 5 lbs., \$3.75.

**Early Scarlet Globe**—This is the standard early round red radish. Is the gardener's standby for first early radish. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs., \$2.75.

**French Breakfast**—Of medium size and olive shape, with small top. Quick growth, beautiful scarlet color, shading to white at the tip. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; 5 lbs., \$3.25.

**Crimson Giant**—A rapid-growing variety, developing roots of beautiful deep crimson, perfect in shape and grows large without getting pithy. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs., \$2.75.

**Icicle**—The favorite long white variety. Grows uniform in type and there are none that surpass it in quality. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs., \$2.75.

**Early Long Scarlet or Short Top**—An old standard variety of quick growth, long, slender root. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; 5 lbs., \$3.25.

**Sparkler**—This is an extra early, white-tipped, round radish. The white tip is larger and more pronounced than in any other sort. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; 5 lbs., \$3.25.

**White Strasburg**—Of handsome, oblong shape, both skin and flesh being pure white. Excellent for summer use. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 25c; lb., 70c; 5 lbs., \$3.25.

**Mixed Radish**—Mixture contains all shades and shapes. One sowing does for the whole season, as they come early, medium and late. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 60c; 5 lbs., \$2.75.

## Winter Radish

**China Rose Winter**—A bright rose-colored variety. The most popular of the winter radishes. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., 90c; 5 lbs., \$4.25.

**Long Black Spanish**—A large, black-skinned radish, with firm white flesh of pungent flavor. A good keeper. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

## Spinach

One ounce to 80 feet of drill; 10 pounds will sow one acre.

**New Zealand**—This is a variety of great merit. It is of the "cut and come again" type of plants. It is ready to use by the time the early spinach has gone to seed and will continue to grow and produce its clusters of thick leaves until frost. Pkt., 5c; oz., 10c;  $\frac{1}{4}$  lb., 20c; lb., 55c; 5 lbs., \$2.65.

**Long Standing**—This is standard with gardeners. The leaves are fleshy. Pkt.,



SCARLET GLOBE RADISH

5c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 40c; 5 lbs., \$1.90.

**Victoria**—A variety distinguished for its very long standing qualities. Pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 40c; 5 lbs., \$1.90.

**Bloomsdale**—Savoy-leaved, curled sort. Pkt., 5c; oz., 7c;  $\frac{1}{4}$  lb., 15c; lb., 35c; 5 lbs., \$1.65.

## Salsify

**Or Vegetable Oyster**

One ounce sows 50 feet of drill.

**Mammoth Sandwich Island**—The best variety. The roots are white, smooth, and of superior quality. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 65c; lb., \$2.40.

## Rhubarb

One ounce will produce about 100 plants.

**Wineplant, or Strawberry Rhubarb**—The finest and richest flavored rhubarb. Stalks are smaller than other sorts, of a bright red color, and cook red. Pkt., 5c; oz., 20c;  $\frac{1}{4}$  lb., 50c; lb., \$1.90.

**Victoria**—The standard variety. Pkt., 5c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

**Ideal Mammoth**—The largest pie plant. Pkt., 10c; oz., 15c;  $\frac{1}{4}$  lb., 45c; lb., \$1.50.

## Rhubarb Roots

The roots we offer are large divided plants. Plant spring or fall setting three feet apart. We can supply plants of the three varieties described above. Specify the kind you want. Price each, 15c; 3 for 40c; dozen \$1.00.

## Berry Boxes and Crates

**Quart, American Berry Boxes**—These are the basket boxes all ready made up for use. Price, 75c per 100; \$6.75 per 1,000.

**Pint, American Berry Boxes**—Price, 70c per 100; \$6.25 per 1,000.

**24-Quart Crates**—25c each. 50 or more at 22c each.

**24-Pint Crates**—20c each. 50 or more at 18c each.

## Labels

**Tree Labels**— $3\frac{1}{2}$  inch. Copper wired. 50c per 100; \$3.75 per 1,000.

**Pot Labels**—Smooth wood labels. 4 in., per 100, 40c; per 1,000, \$2.40; 6 inch, per 100, 60c; per 1,000, \$4.00; 10 inch, per 100, \$1.25; per 1,000, \$9.00.

## Paper Flower Pots

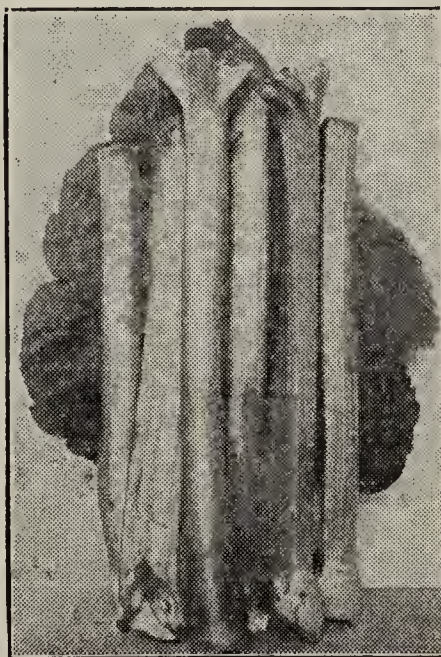
Made of heavy, strong waterproof paper. Fine for growing vegetable plants, pansies, asters, etc. Prices:  $2\frac{1}{4}$  inch, 60c per 100; 3 inch, 80c per 100; 4 inch, \$1.20 per 100.

## Glass Cloth

An extra good quality glass cloth. Much used for cold frames and hot beds. 36 inch width, 25c per yard.

## Cel-O-Glass

Ideal for cold frames, hotbeds, or small greenhouses. Ask for free descriptive circular. Price, 36 inch width, \$1.15 per yard.



VICTORIA RHUBARB



## Squash

One ounce of early varieties will plant about 40 hills, 2 pounds per acre. One ounce late varieties will plant about 20 hills, 4 pounds per acre.

**Table Queen Squash**—Introduced by us, and listed for several seasons under the name Des Moines squash. Just the right size, averaging 6 inches long and 4 inches in diameter. Color, dark green; shell hard, smooth and rigid. Just wash it clean, cut in half, take out the seeds, bake 20 minutes and you will have the nicest squash you ever tasted. Splendid for pies. Ripens in the fall. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.25.

**True Hubbard**—This is the most popular winter squash grown. Hard, green shell; flesh bright orange-yellow, fine grained, very dry, sweet and rich flavor; keeps well. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$7.25.

**Golden Hubbard**—Also called Red Hubbard. A counterpart of the old Green Hubbard, except in color, which is bright, deep orange-yellow. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.30; 5 lbs., \$6.25.

**Syme's Blue Hubbard**—A new strain of Hubbard. Color, clear, light blue; thick shelled and a good keeper. Pkt., 5c; oz., 15c; ¼ lb., 45c; lb., \$1.50; 5 lbs., \$7.25.

**Banana**—A distinct variety of fall and winter squash. Very prolific. Grows to 2 feet or over in length; very fine grained, heavy. Pkt., 5c; oz., 15c; ¼ lb., 40c; lb., \$1.30; 5 lbs., \$6.25.

**Golden Bush**—The earliest of all and quite a favorite with all who like summer squash. Bright golden yellow color and of excellent quality. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., 90c; 5 lbs., \$4.25.



TABLE QUEEN SQUASH

**White Bush Scalloped**—Like Golden Bush. Sometimes called "Patty Pan." Differs from the Golden Bush in color only. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

**Early Bush Crookneck**—Splendid, early, productive and of fine quality. Shape long, with curving neck; skin warty. Pkt., 5c; oz., 10c; ¼ lb., 30c; lb., \$1.00; 5 lbs., \$4.75.

## Turnips

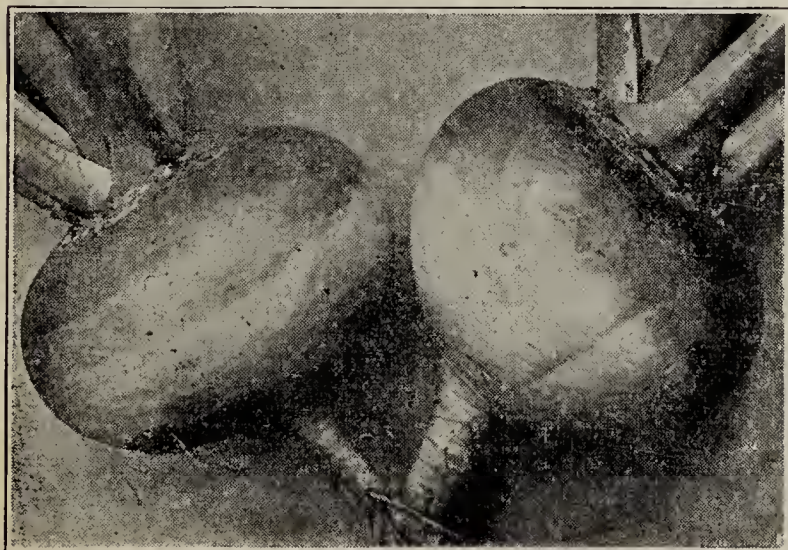
One ounce will sow 150 feet of drill; 2 pounds will sow an acre.

For early, sow in April in drills half an inch deep and 12 inches apart; thin to 6 inches apart in the drill. For main crop sow broadcast in July and August, and before a shower if possible.

**Early White Model**—The handsomest and earliest. Fine grained and sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.

**Extra Early Purple Top Milan**—Much like the above, but has purple top. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 70c; 5 lbs., \$3.25.

**White Egg**—A quick growing, egg-shaped, perfectly smooth, pure-white variety with small top and rough leaves. The flesh is very sweet. Pkt., 5c; oz., 10c; ¼ lb., 25c; lb., 75c; 5 lbs., \$3.50.



PURPLE TOP GLOBE TURNIPS

**Golden Ball (Orange Jelly)**—A beautiful bright yellow fleshed turnip of medium size and universally sweet and delicious flavor. Pkt., 5c; oz., 10c; ¼ lb., 20c; lb., 55c; 5 lbs., \$2.50.

**Purple Top Globe**—The largest yielder of any turnip on the list. True to its name in shape and color. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 40c; 5 lbs., \$1.75; 10 lbs., \$3.00.

**Purple Top Strap Leaved**—The standard for late planting. Of good size, flat shape, pure white below with purplish-red top. Excellent keeper. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 45c; 5 lbs., \$2.00; 10 lbs., \$3.50.

## Rutabaga

Also called "Swede" turnips. A splendid table vegetable, also grown for stock feeding. Superior to turnips in quality.

**Improved American**—Very solid, good shape, smooth skin, small neck, keeps well. Pkt., 5c; oz., 10c; ¼ lb., 15c; lb., 50c; 5 lbs., \$2.25.

## Strawberry Plants

Strawberries will grow in any climate and thrive in most any soil. They are so easily grown and so abundantly satisfactory that they should be in every garden. We are offering just one variety of the June Bearing and one variety of the Everbearing sort.

**Senator Dunlap (June Bearing)**—Of medium size, very hardy and productive. Vigorous grower. Remains in bearing until quite late. Is unsurpassed in quality. Is still the best all-around variety. 100 for 50c; 1,000 for \$3.50.

**Progressive (Everbearing)**—Of vigorous habits. The plants multiply better than most of the everbearing varieties. The berries are smooth and uniform in size; of deep crimson, glossy color and of excellent quality. 100 for \$2.00; 1,000 for \$10.00.





MAJESTIC TOMATO

**Marglobe**—A main crop variety. Solid, good flavor, medium size, smooth red and globe shape. A large yielder in any section. Pkt., 5c; oz., 35c; ¼ lb., \$1.15; lb., \$4.40.

**Majestic**—An exceptionally good, large, main crop variety. Rosy pink in color. Pkt., 5c; oz., 45c; ¼ lb., \$1.35; lb., \$5.00.

**Red Majestic**—A companion of the Majestic variety. Cardinal red in color. Pkt., 5c; oz., 30c; ¼ lb., 95c; lb., \$3.60.

**Golden Majestic**—This bright yellow tomato completes the Majestic trio. Pkt., 5c; oz., 45c; ¼ lb., \$1.75; lb., \$6.60.

## Herbs

**Anise**—Seeds of agreeable aromatic taste. Pkt., 5c; oz., 25c.

**Basil, Sweet**—For flavoring soups. Pkt., 5c; oz., 15c.

**Caraway**—Seeds are used for flavoring bread, cookies, etc. Pkt., 5c; oz., 15c.

**Catnip or Catmint**—For seasoning. Pkt., 5c; oz., 30c.

**Coriander**—Seeds used in confectionery. Pkt., 5c; oz., 15c; ¼ lb., 25c; lb., 75c, postpaid.

**Dill**—Used in making dill pickles. Pkt., 5c; oz., 15c; ¼ lb., 30c; lb., 80c, postpaid.

**Lavender**—Used as a perfume. Pkt., 10c; oz., 25c.

**Majoram, Sweet**—For seasoning. Pkt., 5c; oz., 20c.

**Poppy or Maw**—Blue seeded. Pkt., 5c; oz., 10c.

**Rosemary**—Aromatic leaves for seasoning. Pkt., 10c; oz., 60c.

**Sage**—Much used for dressing. Pkt., 10c; oz., 40c; ¼ lb., \$1.25.

**Summer Savory**—Used for flavoring. Pkt., 5c; oz., 20c.

**Thyme**—Leaves used for seasoning. Pkt., 5c; oz., 40c.

**Wormwood**—Used medicinally and also for poultry. Pkt., 5c; oz., 25c.

**Mixed Varieties**—A mixture of all the above. A nice garden assortment. Pkt., 5c; oz., 20c; ¼ lb., 65c, postpaid.

## Mushrooms

The spawn we offer gives good results. Directions for culture sent on application. Per brick of 1 lb., 30c; 5 bricks, \$1.25; 10 bricks, \$2.25; 100 bricks, \$20.00.

## Tomato

One ounce will produce about 2,500 plants.

**Bonnie Best**—A very early and desirable variety. The fruits are attractive in shape, solidity and color, which is bright scarlet. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.30.

**John Baer**—This variety is offered as one of the earliest for home and commercial use. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.30.

**Dwarf Champion**—Also called Tree Tomato. Plant is dwarf and compact, stem stiff and short jointed. Early. Color, purplish pink. Pkt., 5c; oz., 35c; ¼ lb., \$1.20; lb., \$4.50.

**Matchless**—Well worthy of its name, for in beauty, color and symmetry of form it is without a peer. Pkt., 5c; oz., 25c; ¼ lb., 90c; lb., \$3.30.

**Superlative**—The best of all the main crop tomatoes. Fruits are medium size, very solid and without exception the best flavored red tomato we have ever grown. It is very handsome, being a pinkish crimson in color. Pkt., 5c; oz., 45c.

**Livingston's Beauty**—A standard variety that always gives satisfaction. In color it is purplish red. Pkt., 5c; oz., 30c; ¼ lb., \$1.10; lb., \$4.10.

**Ponderosa**—A well-known variety, rather late to mature. Fruits are very large and solid, of purple color. Inclined to be irregular in shape. Pkt., 5c; oz., 45c; ¼ lb., \$1.35; lb., \$5.10.

**Golden Queen**—Large yellow. Its fruit is smooth and of finest flavor. Pkt., 5c; oz., 45c; ¼ lb., \$1.35; lb., \$5.10.

## Preserving Tomatoes

**Golden Nugget**—Has no equal as a preserving Tomato. Fruits are beautiful golden yellow, about as large as a hulled black walnut. Pkt., 5c; oz., 55c; ¼ lb., \$1.90.

**Yellow Pear**—Pkt., 5c; oz., 55c; ¼ lb., \$1.90.

**Crimson Currant**—A novel little fruit of bright crimson color; borne in clusters. Pkt., 5c; oz., 60c.

## Garden Plants

**Asparagus Roots**—Washington—Our roots are extra strong and healthy. Doz., 15c; 100 for 95c.

**Calamus**—Plain Leaf (Acorus). Also called "Sweet Flag." The roots are the part used. Each, 15c; doz., \$1.50, postpaid.

**Chives**—Perfectly hardy little perennials of the onion tribe, and are grown entirely for their tops. Roots per bunch, 15c; 3 for 40c.

**Garlic**—Species of onion. It is quite pungent, and is used for flavoring soups, stews, etc. Per lb., 40c.

**Horse Radish**—Grow it in your own garden and grate fresh. Price, crown sets, 50c per doz.; \$2.50 per 100. Root cuttings, 25c per doz.; \$1.50 per 100. Ask for price in large lots.

**Monarda Didyma**—Also called Scarlet Bergamot and Oswego Tea. Each, 15c; 3 for 40c; doz., \$1.25.

**Peppermint**—All children know and like the flavor of peppermint. It has a high medicinal value. Each, 15c; 3 for 40c; doz., \$1.40.

**Spearmint**—Commonly called mint, used for flavoring salads, garnishing meat, etc. Each, 25c; 3 for 40c; doz., \$1.00.



ASPARAGUS ROOTS



# New and Unusual Flowers for Your Garden



## Abronia

**Umbellata Grandiflora** (Sand Verbena). A charming trailing succulent plant, with Verbena-like heads of fragrant flowers of bright rose with white center; it delights in a dry, poor soil and sunny situations on rockwork. Pkt., 10c.

## Anagallis

**Grandiflora Coerulea**. It is one of the most charming and conspicuous of our low growing blue flowers, but must have a sunny place to do well. The plants spread rapidly and bloom freely. The flowers are of a real turquoise-blue color. Pkt., 15c; ¼ oz., 50c.

## Anchusa

**Capensis** (Summer Forget-me-not). A showy plant with bright Gentlyan-blue flowers, borne in drooping racemes from July to October. The stems and leaves are hairy. Similar in all respects to the Forget-me-not, though the blossoms are much larger and of finer color. Pkt., 10c.

## Cosmos

**Hollywood Star**. This odd variety appeared in the Crested Cosmos a few years ago. It has a center from which issue closed quilled-like petals the tips of which are cut and slightly curled. It is a mixture of red, white and pink. Pkt., 25c.

## Erysimum (Fairy Wallflower)

**Perofskianum**. A pretty annual, growing about 18 inches high, bearing throughout the summer dense racemes of brilliant orange-yellow Wallflower-like flowers, a rather unusual color in annuals. It is of the simplest culture. Sow the seeds in the open ground in spring and give it a sunny position. Pkt., 10c; ¼ oz., 20c.

## Eschscholtzia

**Ramona**. A single flower with frilled edges which gives it an appearance of a semi-double. The color is a pale but glittering coppery gold with pink shadings. Pkt., 15c.

## Hardy Water Lilies

Interest in Water Gardens is growing rapidly because a pool in a small garden is a very attractive feature. It forms a home for goldfish and other aquatic animal life as well as water lilies. We offer a select list of hardy water lilies. They will be ready for shipment April 15 to June 1.

### Marliacea Albida

Large sparkling white. Stamens light yellow. Fragrant and free bloomer. One of the best. Each, \$1.50.

### Marliacea Chromatella

Stamens and petals bright yellow, 4 to 6 in. across. Free and continuous bloomer. Each, \$1.50.

## Gaura

**Lindheimeri**. 3 ft. A graceful plant with strong, leafy stems, bearing numerous spikes of white flowers flushed with pink from July until frost. Especially sun-loving and drouth-resisting. Pkt., 10c.

## Gilia

**Capitata** (Blue Thimble Flower). 2 ft. Beautiful bushy plant of erect habit with fine feathery foliage covered all summer with rich lavender-blue flowers. 1 inch across, much like Scabiosa. Makes a good cut flower as the blooms last well in water. Pkt., 10c.

## Larkspur

**Improved Exquisite**. Upright growth and color a soft pink shaded salmon. Pkt., 15c.

**La France**. The flowers are a pleasing salmon-pink, very large and double, well-placed on long stems. Pkt., 25c.

## Malope

(Mallow-Wort). 2 ft. Showy plants for large mixed flower and shrubbery borders. The flowers are large and handsome. Flowers blush, shaded pink toward center. Pkt., 10c.

## Poppy

**Tulip** (Glaucum). 20 in. Large tulip-shaped flowers of dazzling scarlet; not unlike a Scarlet Von Thol Tulip. Pkt., 10c.

## Rudebeckia

**Bicolor Superba** (Coneflower). 2 ft. Produces an abundance of bright yellow flowers with brown central disc; fine for cutting. Pkt., 10c.

## Sanvitalia

**Procumbens**. An annual of dwarf compact growth; useful in masses in beds, or edges of borders, or in vases, baskets, etc. Showy bright yellow, double flowers; in bloom all summer. Pkt., 10c.

## Tagetes

**Signata Pumila**. A dwarf, compact, bushy annual Marigold, with beautiful, fern-like leaves, densely covered with flowers of bright, golden-yellow; first class border plant; 9 inches. Pkt., 10c; ¼ oz., 40c.

## Zinnia

**Mexicana Hybrida**. 16 in. Flowers the size of a large daisy, single, semi-double and double, and the colors are in the most unique, pleasing and numerous variations. In it are found shades peculiar to the Marigold, the Gaillardia, and the Chrysanthemum. They are extremely free-flowering and pretty. Pkt., 15c.

## Tuberosa Rosea

Flowers exquisite shade of pink. Vigorous grower of easy culture. Each, \$1.00.

## Odorata Minor

The miniature white water lily. Very dainty and suitable for tubs and small pools. Each, 50c.

## Odorata

A native white pond lily. Very desirable for planting in pools for effect and for cut flowers. Each, 50c.

## Water Hyacinths

Flowers delicate lilac rose in trusses like a Hyacinth. 15c each; \$1.25 per doz.



# ACME INSECTICIDES FUNGICIDES



## Acme All Round Spray

Flowers, vines, shrubs, roses, vegetables need protection same as commercial crops. All Round Spray contains the three leading remedies used by all large growers, Arsenate of Lead, Nicotine Sulphate and Bordeaux Mixture.

Perfect protection for the small user is assured by complete directions in form of spraying guide attached to every package.

Prices:  $\frac{1}{4}$  lb., 35c ea.; 1 lb., 80c ea.

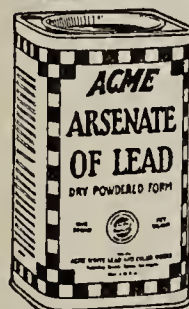


## Acme Paris Green

A rich, emerald color and of fine, fluffy physical character. Containing 55% arsenious oxide, it will give quickest control where extreme measures are necessary.

For use on: Potatoes, cotton, tobacco, also to mix with arsenate of lead for fruit tree spraying where quick results are necessary.

Prices:  $\frac{1}{4}$  lb., 15c; 1 lb., 50c; 5 lbs., \$2.00.



## Acme Arsenate of Lead (Lead-A-Nate)

The most favored arsenical insecticide found on the American market. It is safest to use on tender foliage and sticks well on the leaves. Recommended for fruit trees, vegetables, bushes and tobacco. Can be used as dust or spray.

Prices:  $\frac{1}{2}$  lb., 20c; 1 lb., 30c; 4 lbs., 60c; 100 lbs., \$12.00.



## Acme Garden Guard

A garden insecticide and fungicide for use as a dust. No water, no mixing, no muss.

For use on: Cabbage, cauliflower, tomato plants, melon vines, currants and gooseberries and other vegetables, flowers and shrubs of many kinds.

Prices: 1 lb. sifter carton, 25c; 5 lbs., 70c.



## Acme Spray Soap

A (fish oil) soap effective in destroying many sucking insects and lice on plants, trees, ferns, etc. Also used extensively with cylinder oils in making oil emulsions to reduce the surface tension.

Its use with Nicotine greatly increases the value of that spray.

Prices: 1 lb., 35c; 5 lbs., \$1.25.

## Acme Two-Way Spray

A balanced insecticide and fungicide containing 14% Arsenate of Lead and 83% Bordeaux Mixture. Two results with one application.

Use wet or dry on: Apple, sour cherry, currant, gooseberry, grape, pear, plum, strawberry, pecan, bean, beet, cucumber, pepper, potato, tomato and many other fruits and vegetables.

Prices:  $\frac{1}{2}$  lb., 20c; 1 lb., 35c.



## Acme London Purple

A favored insecticide for 50 years. Now stronger and better than ever. London Purple is one of the lightest and fluffiest powdered insecticides on the market, assuring complete coverage and greatest adhesion to foliage.

For use on potatoes, cotton, tobacco, sugar beets and many other shrubs and vegetables affected by leaf chewing insects.

Prices:  $\frac{1}{4}$  lb., 15c; 1 lb., 30c; 4 lbs., 48c.



## Acme Bordeaux Mixture

Prevents large losses caused by blight, rot, mildew, scab, anthracnose and certain other fungous diseases. It stimulates plant growth and greatly increases the harvests. Almost every kind of vegetable, fruit and shrub can be greatly improved by the early use of Bordeaux Mixture.

Prices: 1 lb., 35c; 4 lbs., 85c.



## Acme Lime Sulfur

A standard 33° Baume lime and sulphur converted into a dry powder but having all the effectiveness of the liquid product when dissolved in water.

For use in dormant spraying against scale, peach blight, leaf curl and twig borer. Summer spraying against scab, soot, blotch, red spider and mite.

Prices: 1 lb., 30c; 5 lbs., \$1.25; 10 lbs., \$2.25.



## Acme Bait-M

An effective insecticide bait which will throw a ring of protection around shrubs, flowers and plants in garden and lawn.

For use against snails, slugs, cutworms, earwigs, sow bugs, grasshoppers and many other insects which migrate along the ground.

Prices: 1 lb., 35c; 3 lbs., 75c.



These items cannot be mailed. We ship by express or freight.

# IOWA SEED COMPANY

## Seed Headquarters

East 4th and Locust

Des Moines, Iowa